

#7 Bill
1635
2-9-01RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/402,618DATE: 01/31/2001
TIME: 14:17:42Input Set : A:\04012.ST25.txt
Output Set: N:\CRF3\01312001\I402618.rawDoes Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Dong, Fang
4 Lyamichev, Victor
5 Prudent, James
6 Fors, Lance
7 Neri, Bruce
8 Brow, Mary Ann
9 Anderson, Todd
10 Dahlberg, James

12 <120> TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
14 <130> FILE REFERENCE: FORS-04012
16 <140> CURRENT APPLICATION NUMBER: 09/402,618
17 <141> CURRENT FILING DATE: 2000-07-18
19 <150> PRIOR APPLICATION NUMBER: PCT/US98/03194
20 <151> PRIOR FILING DATE: 1998-05-05
22 <160> NUMBER OF SEQ ID NOS: 123
24 <170> SOFTWARE: PatentIn version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 391
28 <212> TYPE: DNA
29 <213> ORGANISM: Mycobacterium tuberculosis
31 <400> SEQUENCE: 1

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| 36 gagctgacga agagccctgc tggcgcttgg caatacaccc ccaaggacgg cgcgggtgcc | 180 |
| 38 ggcaccatcc cggaccggtt cggcggggcca gggcgctccc cgacgatgct ggccactgac | 240 |
| 40 ctctcgctgc gggtgatcc gatctatgag cggatcacgc gtcgctggct ggaacacccc | 300 |
| 42 gaggaattgg ccgacgagtt cggcaaggcc tggtaacaagc tgatccaccc agacatgggt | 360 |
| 44 cccgttgcca gataccttgg gccgctggtc c | 391 |

47 <210> SEQ ID NO: 2
48 <211> LENGTH: 391
49 <212> TYPE: DNA
50 <213> ORGANISM: Mycobacterium tuberculosis
52 <400> SEQUENCE: 2

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| 55 acgaacaccc cgacgaaatg ggacaacagt ttctctgaga tctgtacgg ctacgagtgg | 120 |
| 57 gagctgacga agagccctgc tggcgcttgg caatacaccc ccaaggacgg cgcgggtgcc | 180 |
| 59 ggcaccatcc cggaccggtt cggcggggcca gggcgctccc cgacgatgct ggccactgac | 240 |
| 61 ctctcgctgc gggtgatcc gatctatgag cggatcacgc gtcgctggct ggaacacccc | 300 |
| 63 gaggaattgg ccgacgagtt cggcaaggcc tggtaacaagc tgatccaccc agacatgggt | 360 |
| 65 cccgttgcca gataccttgg gccgctggtc c | 391 |

68 <210> SEQ ID NO: 3
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70 <212> TYPE: DNA
71 <213> ORGANISM: Mycobacterium tuberculosis
73 <400> SEQUENCE: 3

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|---|-----|
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| 76 acgaacaccc cgacgaaatg ggacaacagt ttctctgaga tctgtacgg ctacgagtgg | 120 |

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PATENT APPLICATION: US/09/402,618

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Input Set : A:\04012.ST25.txt
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78 gagctgacga agagccctgc tggcgcttgg caatacacccg ccaaggacgg cgccggtgcc 180
80 ggcacacatcc cggaccggtt cggcgggcca gggcgctccc cgacgatgcl ggcactgac 240
82 ctctcgctgc ggggtggtatc gatctatgag cggatcacgc gtcgctggtt ggaacacccc 300
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92 <213> ORGANISM: Mycobacterium tuberculosis
94 <400> SEQUENCE: 4
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99 gagctgacga agagccctgc tggcgcttgg caatacacccg ccaaggacgg cgccggtgcc 180
101 ggcacacatcc cggaccggtt cggcgggcca gggcgctccc cgacgatgct ggcactgac 240
103 ctctcgctgc ggggtggtatc gatctatgag cggatcacgc gtcgctggtt ggaacacccc 300
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126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial/Unknown
129 <220> FEATURE:
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131 <223> OTHER INFORMATION: Synthetic
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138 <210> SEQ ID NO: 7
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140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial/Unknown
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <223> OTHER INFORMATION: Synthetic
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152 <210> SEQ ID NO: 8
153 <211> LENGTH: 20
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial/Unknown
157 <220> FEATURE:

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invalid response - per 1.823 of new Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species), one of the three

Since <223> response is "Synthetic," it implies an Artificial Sequence

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159 <223> OTHER INFORMATION: Synthetic
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167 <211> LENGTH: 22
168 <212> TYPE: DNA
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172 <221> NAME/KEY: misc_feature
173 <223> OTHER INFORMATION: Synthetic
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182 <212> TYPE: DNA
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185 <220> FEATURE:
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187 <223> OTHER INFORMATION: Synthetic
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197 <213> ORGANISM: Artificial/Unknown
199 <220> FEATURE:
200 <221> NAME/KEY: misc_feature
201 <223> OTHER INFORMATION: Synthetic
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213 <220> FEATURE:
214 <221> NAME/KEY: misc_feature
215 <223> OTHER INFORMATION: Synthetic
218 <400> SEQUENCE: 12
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222 <210> SEQ ID NO: 13
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225 <213> ORGANISM: Artificial/Unknown
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228 <221> NAME/KEY: misc_feature
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Input Set : A:\04012.ST25.txt
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236 <210> SEQ ID NO: 14
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253 <213> ORGANISM: Artificial/Unknown
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264 <210> SEQ ID NO: 16
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267 <213> ORGANISM: Artificial/Unknown
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274 <400> SEQUENCE: 16
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Input Set : A:\04012.ST25.txt
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323 <213> ORGANISM: Hepatitis C virus
325 <400> SEQUENCE: 20
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328 ccaggacccc cctcccggg agagccatag tggctctgagg aaccgggtgag tacaccggaa 120
330 ttgccaggac gaccgggtcc ttctctggat caaccgcgc aatgcctgga gatttggggc 180
332 tgcctccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtaactgcc 240
334 tgataggggtg cttgcgagtg ccccgggagg tctcgtagac cgtgcaate 289
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338 <211> LENGTH: 286
339 <212> TYPE: DNA
340 <213> ORGANISM: Hepatitis C virus
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345 ccaggacccc cctcccggg agagccatag tggctctgagg aaccgggtgag tacaccggaa 120
347 ttgccaggac gaccgggtcc ttctctggat caaccgcgc aatgcctgga gatttggggc 180
349 tgcctccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtaactgcc 240
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356 <212> TYPE: DNA
357 <213> ORGANISM: Hepatitis C virus
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362 ccaggacccc cctcccggg agagccatag tggctctgagg aaccgggtgag tacaccggaa 120
364 ttgccgggaa gactgggtcc ttctctggat aaaccacac tatgcctggc catttggggc 180
366 tgcctccgca agactgctag ccgagtagcg ttgggttgcg aaaggccttg tggtaactgcc 240
368 tgataggggtg cttgcgagta ccccgggagg tctcgtagac cgtgcaate 289
371 <210> SEQ ID NO: 23
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373 <212> TYPE: DNA
374 <213> ORGANISM: Artificial/Unknown
376 <220> FEATURE:
377 <221> NAME/KEY: misc_feature
378 <223> OTHER INFORMATION: Synthetic
381 <400> SEQUENCE: 23
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386 tgcctggggg gaccgggtcc ttctctggag caaccgcgc aataccaga aatttggggc 180
388 tgcctccgca agatcactag ccgagtagtg ttgggtcgcg aaaggccttg tggtaactgcc 240
390 tgataggggtg cttgcgagtg ccccgggagg tctcgtagac cgtgcaate 289
393 <210> SEQ ID NO: 24

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Please correct this error in subsequent sequences, too.

VERIFICATION SUMMARY DATE: 01/31/2001
PATENT APPLICATION: US/09/402,618 TIME: 14:17:43

Input Set : A:\04012.ST25.txt
Output Set: N:\CRF3\01312001\I402618.raw